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FOREST STEWARDSHIP MANAGEMENT PLAN

Prepared For:
Claiborne County Schools

Prepared By:
Tommy Walker

Time Period Covered by This Plan:
2012 - 2021

Date Plan Prepared:
2012-02-16

Plan Type:
Stewardship / Stewardship

This plan was developed in accordance with the rules of the Stewardship program.

Property Name: Section 18-T11N-R4E

MISSISSIPPI FOREST STEWARDSHIP PROGRAM

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LANDOWNER INFORMATION

Name:	Claiborne County Schools	
Mailing Address:	P.O. Box 337	
City, State, Zip:	Port Gibson, MS 39150	
Country:	United States of America	
Contact Numbers:	Home Number:	601-437-4352
	Office Number:	
	Fax Number:	
E-mail Address:		
Social Security Number (optional):		

FORESTER INFORMATION

Name:	Tommy Walker , Forester II	
Forester Number:	01473	
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City, State, Zip:	Vicksburg, MS 39181	
Contact Numbers:	Office Number:	601-638-1227
	Fax Number:	
E-mail Address:		

PROPERTY LOCATION

County:	Claiborne	Total Acres:	636	Latitude:	-90.8	Longitude:	31.92
Section:	18	Township:	11N	Range:	4E		

DISCLAIMER

This plan is intended to be flexible. It may be modified to meet changes in economic conditions, management goals, or other circumstances. The figures in this plan are only estimates. They can and will change. Therefore, any plans or budgets that use these figures should be tempered with that thought.

INTRODUCTION

This Forest Stewardship Management Plan will serve as a guide for accomplishing the goals and objectives for your property. In addition to addressing your specific goals and objectives, this plan includes recommendations for maintaining soil and water quality and protecting your forest from insects, disease, and wildfire. Recommendations are based on observation and assessment of the site.

OBJECTIVES

Timber Production

The goal is to produce high quality sawtimber. This will be accomplished through reforestation and timber stand improvement practices such as herbicide applications, prescribed burning, thinning at specified intervals, and other silvicultural practices.

Forestry Best Management Practices will be implemented to prevent erosion and protect water quality.

Wildlife Management - General
The goal is to provide a diversity of habitats suitable for a variety of game and non-game wildlife species. Habitat management will focus on developing a variety of food, cover, water, and space. This will be accomplished by establishing and maintaining access roads and firelanes, providing openings within the forest, and the management of trees located within Streamside Management Zones.

PROPERTY DESCRIPTION

General Property Information
This section is located on Lampkin Road in the south east part of the county. It is commonly known as the Lampkin Road section. This section contains approximately 636 acres of land of which, 470 acres is forest land. The 166 acres of nonforest land consists of primarily a county road and fields. Approximately 13 acres of the forested acreage is considered inoperable, due to access. The primary access road is Lampkin Road, which is a county road.
The terrain on this section is gently rolling to steep. The timber type ranges from Bluff Hardwood to Loblolly Pine. It is part of the loess bluff hills. Therefore, the soils are highly productive and highly erodible.

Water Resources
This section has several perennial streams, intermittent streams, and drains running throughout the property. All water resources will be managed in accordance with Mississippi's Best Management Practices.

Timber Production
The goal is to maximize the production of high quality timber. This will be accomplished through the application of timely thinning and other silvicultural practices designed to enhance timber quality and growth. Forestry Best Management Practices will be implemented to prevent erosion and protect water quality.

Threatened and Endangered Species
No threatened and endangered species were identified during the reconnaissance and evaluation of your property.

Interaction with Surrounding Property
Prescribed practices should be carried out in a manner that will minimize adverse impacts on surrounding properties. Consideration should be given to potential air, water, visual, and other impacts. In addition, practices carried out should have positive effects on the surrounding community such as improved wildlife habitat and soil stabilization.

Soils General

Soils were evaluated on the property to determine the suitability of the site for the proposed activities. Forest practices were planned so as to minimize erosion or other adverse effects on the soil. The following soils are identified for this property: Memphis, Natchez, Loring, Grenada, Calloway, Henry, Falaya, and Collins silt loams are the primary soils on this property. This section is located near the edge of the Loess Bluff Hills. Therefore, these soils are not very productive sites for hardwood. These soils are productive sites for Loblolly Pine. The Loblolly Pine site index ranges from 80' to 95'. The primary tree species for this tract is Loblolly Pine.

Archeological and Cultural Resources

These areas can range from churches, old cemeteries, natural springs, Indian mounds to home sites or other areas of historical significance. No areas of historical significance were found on this tract.

GENERAL PROPERTY RECOMMENDATIONS

Forest Protection

A healthy, vigorously growing stand is the best defense to an attack from a variety of forest insects, plants and pathogens.

Insects and Diseases

Trees are subject to attack from insects and diseases. Different insects and diseases affect trees according to the age, species, and condition of the trees. Planted stands of pines and pure stands of hardwoods are particularly susceptible to attack. Since there are many different insects and diseases, no attempt will be made here to explain all of them. The property should be inspected at least annually for possible signs of insect and disease activity. Some things to look for are:

- Unseasonable leaf fall
- Discoloration of leaves or needles
- Pitch pockets on pine trees
- Heavy defoliation of hardwood leaves
- Groups of three or more dying trees within a stand

This list does not cover all instances of insect or disease attacks. If anything unusual is noticed, report it to a forester. In most cases, insect and disease problems can be controlled if discovered early.

Fire Protection

Your forest should be protected from wildfire at all times. The best way to protect your investment is by establishing and maintaining firebreaks around the property. Guidelines for establishment and maintenance of firebreaks may be found in Mississippi Forestry Commission publication #107, *Mississippi's Best Management Practices.*

Grazing

Tree seedlings should be protected from grazing until such time as the terminal bud of the sapling is beyond reach of livestock. Domestic livestock should be denied access to all tree planting areas.

Boundary Lines

The Mississippi Forestry Commission has been maintaining the property boundaries on this section on a routine basis for many years. The property boundaries will be painted orange on a 6 year rotation, beginning in 2014.

Water Quality Protection

The objective of the landowner is to protect, preserve and enhance all water sources on or transecting the property. This can best be achieved by implementation of Best Management Practices in all aspects of the management of the property.

Aesthetics

This tract is in a rural part of the county. Therefore, aesthetics should not be a high priority.

Ecological Restoration

Ecological restoration is the process of assisting the recovery of an ecosystem that has been degraded, damaged, or destroyed. A reconnaissance of the property has been conducted and no ecological restoration activities are recommended at this time.

Wildlife Mgt. Target Species

The objective of this practice is to provide habitat best suited for the featured or target species. Habitat management can focus on providing food, cover, water, and space to facilitate the target species.

Environmental Education

Environmental educational goals can be to provide educational opportunities for children and adults through the development of items such as nature trails with tree identification markers, wildlife viewing areas, picnic areas, parking, public restroom facilities. There are no current plans to develop this section for environmental education.

Wildlife Management General

The goal is to provide a diversity of habitats suited for a variety of game and non-game wildlife species. Habitat management will focus on providing a variety of food, cover, water, and space. This will be accomplished, in part, by establishing and maintaining access roads and firelanes, providing openings within the forest, and leaving streamside management zones (SMZs).

This section currently has 75 acres of timber that is designated as streamside management zones which provide good travel corridors for wildlife. Also, wildlife is considered when determining the size and placement of regeneration harvests. Timber loading areas often make good areas for wildlife food plots. There are approximately 5 acres of wildlife food plots currently being maintained by the leaseholder, in addition to the open fields.

Timber Management
Timber management goals for this property are to manage timber resources in such a manner as to maximize timber production on a sustained yield basis.

Recreation
The primary recreational use of this property is to generate income through a hunting lease.

SOIL TYPES

Grenada
The Grenada component makes up 90 percent of the map unit. Slopes are 5 to 8 percent. This component is on uplands. The parent material consists of loess deposits. Depth to a root restrictive layer, fragipan, is 18 to 36 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 23 inches during January, February, March, April. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria. Loblolly Site Index = 85.

Calloway
The Calloway component makes up 90 percent of the map unit. Slopes are 2 to 5 percent. This component is on uplands. The parent material consists of loess deposits. Depth to a root restrictive layer, fragipan, is 18 to 28 inches. The natural drainage class is somewhat poorly drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches is high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 16 inches during January, February, March, April. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria. Loblolly Site Index = 80.

Gu
Generated brief soil descriptions are created for major soil components. The Gullied land is a miscellaneous area. Loblolly Site Index = 68.

Memphis
The Memphis component makes up 60 percent of the map unit. Slopes are 12 to 17 percent. This component is on uplands. The parent material consists of loess deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is very high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 6e. This soil does not meet hydric criteria. The Natchez component makes up 30 percent of the map unit. Slopes are 12 to 17 percent. This component is on hillslopes. The parent material consists of loess deposits. Depth to a root restrictive layer is greater

than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is very high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 7e. This soil does not meet hydric criteria.

Collins
The Collins component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on flood plains. The parent material consists of silty alluvium deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is very high. Shrink-swell potential is low. This soil is occasionally flooded. It is not ponded. A seasonal zone of water saturation is at 42 inches during January, February, March, April. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria.

Loring
The Loring component makes up 60 percent of the map unit. Slopes are 5 to 8 percent. This component is on uplands. The parent material consists of loess deposits. Depth to a root restrictive layer, fragipan, is 14 to 35 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 18 inches during January, February, March, December. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria. The Memphis component makes up 30 percent of the map unit. Slopes are 5 to 8 percent. This component is on uplands. The parent material consists of loess deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is very high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria.

Grenada
The Grenada component makes up 90 percent of the map unit. Slopes are 8 to 12 percent. This component is on uplands. The parent material consists of loess deposits. Depth to a root restrictive layer, fragipan, is 18 to 36 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 18 inches during January, February, March, December. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 6e. This soil does not meet hydric criteria. Loblolly Site Index = 95.

Falaya
The Falaya component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on flood plains. The parent material consists of silty alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is somewhat poorly drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches is very high. Shrink-swell potential is low. This soil is occasionally flooded. It is not ponded. A seasonal zone of water saturation is at 18 inches during January, February, March, April, December. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria. Loblolly Site Index = 90.

STRATA

Strata 1

Strata Description

Strata 1 is comprised of Stands 7, 8, 18, 19, 20, 23, 24, and 25. It contains a total of 75 acres of bluff hardwood sawtimber located adjacent to streams and drains. It is currently being used as streamside management zones. Much of the timber is near maturity. The species composition is good and the volume per acre is good. The terrain is flat along the perennial streams to steep along some of the upland gullies.

Strata Recommendations

The long term goal for this strata is to clearcut and regenerate all of this strata that is not needed as a Streamside Management Zone as adjacent stands are harvested over the next 15 years. The areas that are being maintained as SMZs can be thinned as adjacent stands are harvested.

Activity Recommendations

There are no activities planned for this strata for the next 10 years. However, portions of this strata may be thinned while adjacent stands are harvested.

Strata 2

Strata Description

Strata 2 is comprised of Stands 6, 14, 21, 26, and 27. It contains a total of 146 acres of bluff hardwood sawtimber. These stands are generally located between pine plantations and Streamside Management Zones. Much of the timber is near maturity. The species composition is good and the volume per acre is good. The terrain is gently rolling to steep.

Strata Recommendations

The long term goal for this strata is to clearcut and regenerate it as adjacent pine plantations are harvested, over the next 15 to 20 years.

Activity Recommendations

In 2014, Strata 2, Stand 26 and 5 acres of Stand 27 should be clearcut along with Strata 4, Stand 11. Also, approximately 9 acres in Strata 3, Stand 9 and 13 acres in Strata 4, Stand 1 should be clearcut as part of this sale. This sale will be south of the woods road and will contain a total of 52 acres. At least 50 % crown cover should be left in all streamside management zones.

In 2015-2016, the 52 acres that was clearcut in 2014 should be chemical site prepared, burned, and planted with geneticly improved Loblolly pine at a rate of 622 trees per acre. A survival check will be conducted the following fall/winter to ensure adequate stocking.

In 2019, Strata 2, Stand 21 and 24 acres of Stand 27 should be clearcut along with Strata 4, Stand 22. Also, approximately 5 acres in Strata 3, Stand 9 and 49 acres in Strata 4, Stand 1 should be clearcut as part of this sale. This sale will be north of the woods road and will contain a total of 90 acres. At least 50 % crown cover should be left in all streamside management zones.

In 2020-2021, the 90 acres that was clearcut in 2019 should be chemical site prepared, burned, and planted with geneticly improved Loblolly pine at a rate of 622 trees per acre. A survival check will be conducted the following fall/winter to ensure adequate survival.

Strata 3

Strata Description

Strata 3 is comprised of Stands 9, 28, and 30. It contains a total of 71 acres of 20 and 23 year old pine chip-n-saw and pulpwood. This stand has been thinned once in 2008. It is well stocked. The terrain is gently rolling.

Strata Recommendations

The long term goal for this strata is as follows: Stand 9 (14 acres) will be clearcut and combined with stands in Stratas 2 and 4. Stands 28 and 30 will be to continue periodic thinning and burning until age 35-40 and then clearcut and regenerate.

Activity Recommendations

In 2012 and 2017, Strata 3, Stands 28 and 30 should be control burned to reduce hazardous fuels.

In 2013 and 2018, Strata 3, Stands 28 and 30 should be thinned along with Strata 4, Stand 12. The total sale acreage will be 78 acres. This thinning will primarily be a crown thinning. The trees to remove are as follows: trees of undesirable species, poor quality and unhealthy trees of desirable species, and high risk trees which are competing with better trees.

In 2014, Strata 2, Stand 26 and 5 acres of Stand 27 should be clearcut along with Strata 4, Stand 11. Also, approximately 9 acres in Strata 3, Stand 9 and 13 acres in Strata 4, Stand 1 should be clearcut as part of this sale. This sale will be south of the woods road and will contain a total of 52 acres. At least 50 % crown cover should be left in all streamside management zones.

In 2015-2016, the 52 acres that was clearcut in 2014 should be chemical site prepared, burned, and planted with geneticly improved Loblolly pine at a rate of 622 trees per acre. A survival check will be conducted the following fall/winter to ensure adequate survival.

In 2019, Strata 2, Stand 21 and 24 acres of Stand 27 should be clearcut along with Strata 4, Stand 22. Also, approximately 5 acres in Strata 3, Stand 9 and 49 acres in Strata 4, Stand 1 should be clearcut as part of this sale. This sale will be north of the woods road and will contain a total of 90 acres. At least 50 % crown cover should be left in all streamside management zones.

In 2020-2021, the 90 acres that was clearcut in 2019 should be chemical site prepared, burned, and planted with geneticly improved Loblolly pine at a rate of 622 trees per acre. A survival check will be conducted the following fall/winter to ensure adequate survival.

Strata 4

Strata Description

Strata 4 is comprised of Stands 1, 11, 12, and 22. It contains a total of 97 acres of 17 and 20 year old planted pine and hardwood pulpwood which have never been thinned. The pine stocking for Stands 1, 11, and 22 ranges from poor to fair, while the hardwood stocking is good. The species composition is poor to fair.

Stand 12 is well stocked with good species composition.

Strata Recommendations

The long term goal for Stands 1, 11, and 22 is to clearcut and regenerate them with Loblolly pine along with adjacent stands over the next 10 years.

The long term goal for Stand 12 is to begin periodic thinning and continue thinning until age 35 to 40. At that point this stand will be clearcut and regenerated with Loblolly pine along with adjacent stands.

Activity Recommendations

In 2013 and 2018, Strata 3, Stands 28 and 30 should be thinned along with Strata 4, Stand 12. The total sale acreage will be 78 acres. This thinning will primarily be a crown thinning. The trees to remove are as follows: trees of undesirable species, poor quality and unhealthy trees of desirable species, and high risk trees which are competing with better trees.

In 2014, Strata 2, Stand 26 and 5 acres of Stand 27 should be clearcut along with Strata 4, Stand 11. Also, approximately 9 acres in Strata 3, Stand 9 and 13 acres in Strata 4, Stand 1 should be clearcut as part of this sale. This sale will be south of the woods road and will contain a total of 52 acres. At least 50 % crown cover should be left in all streamside management zones.

In 2015-2016, the 52 acres that was clearcut in 2014 should be chemical site prepared, burned, and planted with geneticly improved Loblolly pine at a rate of 622 trees per acre. A survival check will be conducted the following fall/winter to ensure adequate survival.

In 2019, Strata 2, Stand 21 and 24 acres of Stand 27 should be clearcut along with Strata 4, Stand 22. Also, approximately 5 acres in Strata 3, Stand 9 and 49 acres in Strata 4, Stand 1 should be clearcut as part of this sale. This sale will be north of the woods road and will contain a total of 90 acres. At least 50 % crown cover should be left in all streamside management zones.

In 2021, the 90 acres that was clearcut in 2019 should be chemical site prepared, burned, and planted with geneticly improved Loblolly pine at a rate of 622 trees per acre. A survival check will be conducted the following fall/winter to ensure adequate survival.

Strata 5

Strata Description

Strata 5 is comprised of Stands 5, 15, 16, and 17. It contains 81 acres of fresh clearcut which only has a small amount of regrowth of vegetation. The prior stand was primarily willow oak sawtimber on the east side of the creek and pine sawtimber on the west side of the creek. The terrrain is flat to gently rolling.

Strata Recommendations

The long term goal for this strata is to site prep and plant Loblolly pine. Then begin periodic thinning and burning around age 15 and continue thinning and burning until age 35-40. Then clearcut and regenerate.

Activity Recommendations

In 2013, the site should be chemically site prepared, burned, and planted with geneticly improved loblolly pine at a rate of 622-650 trees/acre. A survival check will be conducted the following fall/winter to ensure adequate survival.

No other activities should be necessary during the life of this plan.

OTHER PLAN ACTIVITIES

Boundary Lines

Line Description

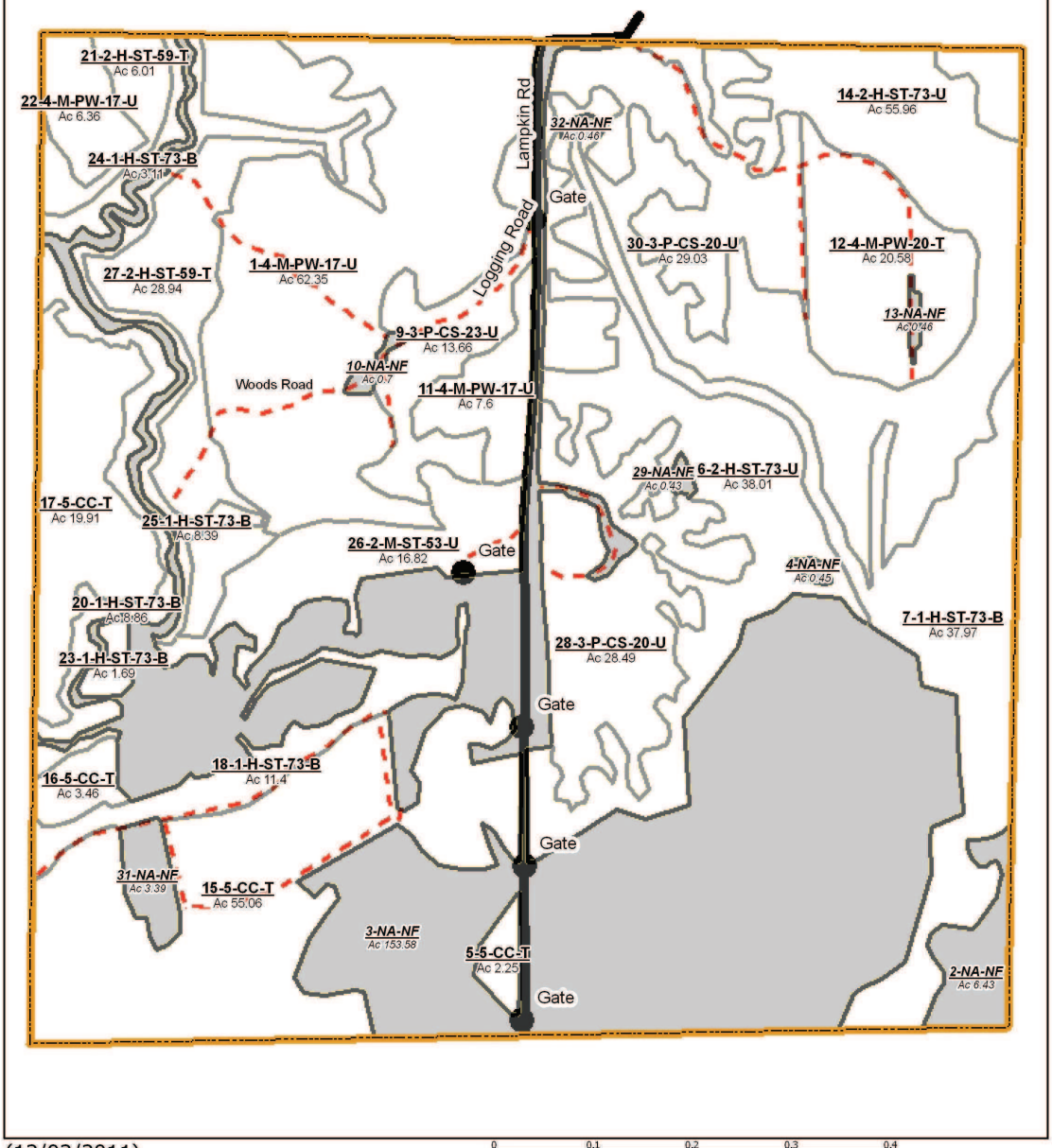
This section has 4 miles of boundary lines and around 2.5 miles of woods roads to maintain.

Line Recommendations

The property boundaries will be painted on a 6 year rotation beginning in 2014. The woods roads will be maintained as firebreaks on an "As Needed" basis.

STAND MAP - FY2012

Claiborne County Schools
Section 18, T11N, R4E, Claiborne County, Ms.
635.99 Acres



(12/02/2011)

Prepared by: Tommy Walker

LEGEND for Section 18, T11N, R4E, Claiborne County, Ms.

Property
- Property

Category 1: Stands
- Clear Cut
- Non-Stocked
- Reproduction
- Sub-Merchantable
- Pulpwood
- Chip-n-Saw
- Sawtimber
- Poles

Category 3: Non-Forest Stands
- Non-Forest

Other
- Towers
- Logging Deck
- Locked
- UnLocked
- Water
- Oil
- Natural Gas

Property Roads/Trails
- Drive Ways
- Access Road
- Logging Road
- Skid Trail
- Farm Road
- Hiking Trail
- Horseback Riding Trail

Transportation (Lines)
- City Streets
- County Roads
- 3 Digit Highway
- Interstate Highway
- US Highway
- State Highway
- Natchez Trace Parkway
- Runways/Airports
- Active RR
- Abandoned RR

Stand Activity Summary for
CLAIBORNE COUNTY SCHOOLS
18 11N 4E

Filters Applied:
County: Claiborne
Client Class: School Trust Land
District: Capital District
Client: CLAIBORNE COUNTY S
STR: 18 11N 4E
Activity:
Year: 2012 Through 2021

STR	Strata	Stand	Activity	Acre	Est. Cost	Est. Revenue
2012						
18 11N 4E	3	28	Fire Protection, Other, Burn, Hand, Fuel Reduction	28	$427.35	$0.00
18 11N 4E	3	30	Fire Protection, Other, Burn, Hand, Fuel Reduction	29	$435.45	$0.00
			Yearly Totals	58	$862.80	$0.00
2013						
18 11N 4E	3	28	Harvest, Mechanical, Thin, Machine, Loblolly	28	$980.00	$7,980.00
18 11N 4E	3	30	Harvest, Mechanical, Thin, Machine, Loblolly	29	$1,015.00	$8,265.00
18 11N 4E	4	12	Harvest, Mechanical, Thin, Machine, Misc Red Oak	21	$735.00	$4,620.00
18 11N 4E	5	15	Site Preparation, Chemical, Broadcast, Aerial, Combination	55	$6,600.00	$0.00
18 11N 4E	5	15	Site Preparation, Other, Burn, Hand, Cut-Over	55	$1,375.00	$0.00
18 11N 4E	5	15	Regeneration, Artificial, Plant, Hand, Loblolly	55	$4,680.10	$0.00
18 11N 4E	5	16	Site Preparation, Other, Burn, Hand, Cut-Over	3	$75.00	$0.00
18 11N 4E	5	16	Site Preparation, Chemical, Broadcast, Aerial, Combination	3	$360.00	$0.00
18 11N 4E	5	16	Regeneration, Artificial, Plant, Hand, Loblolly	3	$294.10	$0.00
18 11N 4E	5	17	Regeneration, Artificial, Plant, Hand, Loblolly	20	$1,692.35	$0.00
18 11N 4E	5	17	Site Preparation, Other, Burn, Hand, Cut-Over	20	$500.00	$0.00
18 11N 4E	5	17	Site Preparation, Chemical, Broadcast, Aerial, Combination	20	$2,400.00	$0.00
			Yearly Totals	312	$20,706.55	$20,865.00
2014						

STR	Strata	Stand	Activity	Acre	Est. Cost	Est. Revenue
18 11N 4E	2	26	Harvest, Mechanical, Final, Machine, Loblolly	17	$595.00	$11,900.00
18 11N 4E	2	27	Harvest, Mechanical, Final, Machine, Loblolly	5	$175.00	$7,700.00
18 11N 4E	3	9	Harvest, Mechanical, Final, Machine, Loblolly	9	$315.00	$7,848.00
18 11N 4E	4	1	Harvest, Mechanical, Final, Machine, Loblolly	13	$455.00	$8,255.00
18 11N 4E	4	11	Harvest, Mechanical, Final, Machine, Loblolly	8	$280.00	$5,080.00
			Yearly Totals	52	$1,820.00	$40,783.00
2016						
18 11N 4E	2	26	Site Preparation, Chemical, Broadcast, Aerial, Combination	17	$2,040.00	$0.00
18 11N 4E	2	26	Regeneration, Artificial, Plant, Hand, Loblolly	17	$1,445.00	$0.00
18 11N 4E	2	26	Site Preparation, Other, Burn, Hand, Cut-Over	17	$425.00	$0.00
18 11N 4E	2	27	Site Preparation, Chemical, Broadcast, Aerial, Combination	5	$600.00	$0.00
18 11N 4E	2	27	Site Preparation, Other, Burn, Hand, Cut-Over	29	$725.00	$0.00
18 11N 4E	2	27	Regeneration, Artificial, Plant, Hand, Loblolly	29	$2,465.00	$0.00
18 11N 4E	3	9	Site Preparation, Chemical, Broadcast, Aerial, Combination	9	$1,080.00	$0.00
18 11N 4E	3	9	Site Preparation, Other, Burn, Hand, Cut-Over	9	$225.00	$0.00
18 11N 4E	3	9	Regeneration, Artificial, Plant, Hand, Loblolly	9	$765.00	$0.00
18 11N 4E	4	1	Site Preparation, Chemical, Broadcast, Aerial, Combination	13	$1,560.00	$0.00
18 11N 4E	4	1	Site Preparation, Other, Burn, Hand, Cut-Over	13	$325.00	$0.00
18 11N 4E	4	1	Regeneration, Artificial, Plant, Hand, Loblolly	13	$1,105.00	$0.00
18 11N 4E	4	11	Regeneration, Artificial, Plant, Hand, Loblolly	8	$680.00	$0.00
18 11N 4E	4	11	Site Preparation, Other, Burn, Hand, Cut-Over	8	$200.00	$0.00
18 11N 4E	4	11	Site Preparation, Chemical, Broadcast, Aerial, Combination	8	$960.00	$0.00
			Yearly Totals	204	$14,600.00	$0.00

STR	Strata	Stand	Activity	Acre	Est. Cost	Est. Revenue
2017						
18 11N 4E	3	28	Fire Protection, Other, Burn, Hand, Fuel Reduction	28	$712.25	$0.00
18 11N 4E	3	30	Fire Protection, Other, Burn, Hand, Fuel Reduction	29	$725.75	$0.00
			Yearly Totals	58	$1,438.00	$0.00
2018						
18 11N 4E	3	28	Harvest, Mechanical, Thin, Machine, Loblolly	28	$980.00	$21,140.00
18 11N 4E	3	30	Harvest, Mechanical, Thin, Machine, Loblolly	29	$1,015.00	$21,895.00
18 11N 4E	4	12	Harvest, Mechanical, Thin, Machine, Misc Red Oak	21	$735.00	$11,235.00
			Yearly Totals	78	$2,730.00	$54,270.00
2019						
18 11N 4E	2	21	Harvest, Mechanical, Final, Machine, Loblolly	6	$210.00	$9,240.00
18 11N 4E	2	27	Harvest, Mechanical, Final, Machine, Loblolly	24	$840.00	$36,960.00
18 11N 4E	3	9	Harvest, Mechanical, Final, Machine, Loblolly	5	$175.00	$3,800.00
18 11N 4E	4	1	Harvest, Mechanical, Final, Machine, Loblolly	49	$1,715.00	$45,178.00
18 11N 4E	4	22	Harvest, Mechanical, Final, Machine, Loblolly	6	$210.00	$4,020.00
			Yearly Totals	90	$3,150.00	$99,198.00
2021						
18 11N 4E	2	21	Site Preparation, Other, Burn, Hand, Cut-Over	6	$150.00	$0.00
18 11N 4E	2	21	Site Preparation, Chemical, Broadcast, Aerial, Combination	6	$720.00	$0.00
18 11N 4E	2	21	Regeneration, Artificial, Plant, Hand, Loblolly	6	$510.00	$0.00
18 11N 4E	2	27	Regeneration, Artificial, Plant, Hand, Loblolly	24	$2,040.00	$0.00
18 11N 4E	2	27	Site Preparation, Chemical, Broadcast, Aerial, Combination	24	$2,880.00	$0.00
18 11N 4E	2	27	Site Preparation, Other, Burn, Hand, Cut-Over	24	$600.00	$0.00
18 11N 4E	3	9	Site Preparation, Other, Burn, Hand, Cut-Over	5	$125.00	$0.00

STR	Strata	Stand	Activity	Acre	Est. Cost	Est. Revenue
18 11N 4E	3	9	Regeneration, Artificial, Plant, Hand, Loblolly	5	$425.00	$0.00
18 11N 4E	3	9	Site Preparation, Chemical, Broadcast, Aerial, Combination	5	$600.00	$0.00
18 11N 4E	4	1	Regeneration, Artificial, Plant, Hand, Loblolly	49	$4,165.00	$0.00
18 11N 4E	4	1	Site Preparation, Chemical, Broadcast, Aerial, Combination	49	$5,880.00	$0.00
18 11N 4E	4	1	Site Preparation, Other, Burn, Hand, Cut-Over	49	$1,225.00	$0.00
18 11N 4E	4	22	Regeneration, Artificial, Plant, Hand, Loblolly	6	$510.00	$0.00
18 11N 4E	4	22	Site Preparation, Chemical, Broadcast, Aerial, Combination	6	$720.00	$0.00
18 11N 4E	4	22	Site Preparation, Other, Burn, Hand, Cut-Over	6	$150.00	$0.00
			Yearly Totals	270	$20,700.00	$0.00
			Grand Totals	**1,121**	**$66,007.35**	**$215,116.00**